



OVERVIEW

WATERGRIP ACR is a single-component, acrylic-based waterproof coating with high elasticity. It is durable, flexible and has a high level of resistance to weathering agents like UV rays, sunlight, frost, rainfall, etc.

PROPERTIES

- Single component
- Acrylic based
- High elasticity
- Very durable and very flexible.
- Excellent resistance to weathering agents like UV, sunlight, and rain.
- Cool Roof.

Product Management :

Surface Preparation:

All the substrates must be dry and free of dust, dirt, oil, grease, and loose particles. Metal surfaces should be rust-free. This can be achieved by wire brushing or grit blasting. Repair all the cracks and honeycombs with MIXBUILD HS. All critical areas such as corner fillet and pipe packing have to be addressed.

Priming :

A primer coat is required to seal the pores and stabilize the surface. **WATERGRIP ACR** with 20% dilution with clean water should be used as a primer coat. It will improve the bond strength of the coating. This can be applied with a brush, roller, or spray.

Coverage :

1 kg/m² per coat approximately

Packing & Storage :

WATERGRIP ACR is available in 20 Kg packs. For site installations or mass consumption, deliveries shall be made in bulk custom-designed containers. **WATERGRIP ACR** should be stored in cool, dry, and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures, and as per recommendations. In an extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over-exposure to UV will result in the reduction of shelf life.

AREAS OF USE

- Can be used on most types of roofs such as concrete, metal, asbestos roof, etc.
- Good for waterproofing car park decks.
- As a protective membrane for polyurethane foam installation.
- Can be used to protect exposed reinforced concrete from carbonation & chloride attack.

Application Procedure

The primer coat should be allowed to dry completely before the application of **WATERGRIP ACR**. The drying time would be a minimum of 8 hours at 25 °C. **WATERGRIP ACR** can be applied by brush or roller but is probably best applied using an airless spray. Apply a minimum of two coats with undiluted material @1 kg/ m² per coat. It is important to ensure that each coat has been cured totally before applying the next coat. Prior to the second coat, a close visual inspection of the surface should be made for any pin holes or surface irregularities. The second coat should be applied at 90° to the first, to ensure a full unbroken coating to the substrate. For improved results, a glass fibre mat should be embedded into the first coat while it is wet on all corners and other critical areas. Clean all the tools with water after use.

Health & Safety

WATERGRIP ACR contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes, and face mask is recommended for maximum safety. Reseal all containers after use and ensure the product is stored as instructed on the safety section of the labeling. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each GRIPMIX product.

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.



TECHNICAL DATA

Product	Non-slump wall tile adhesive.
Standard conforms	BS: 476-3
Appearance	White/Grey Liquid
Density	1.3gm/cc
Solid Content	60% ± 2% by weight.
Elongation break	300%.
Toxicity	Non Toxic
Application temp	10oC to 50oC
Service temp	50oC to 90oC
Service temp	Acid, Alcohol, Petrol, UV, Carbonation and Chloride ion diffusion